



## **The e-NC Authority Update**

**January 2010**

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**The e-NC Authority**

**[www.e-nc.org](http://www.e-nc.org)**

# UPDATE ON ACTIVITIES DEC-JAN

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- BRIM ACTIVITIES: NC Speed Test
- NCTN NC TELEHEALTH NETWORK
- SMART METERS & BROADBAND DEPLOYMENT  
– Senator Queen Committee
- COUNTY REQUESTS
- CITIZEN REQUESTS
- BTOP-2: MIDDLE MILE; PUBLIC COMPUTER CENTERS; LAST MILE AND LIFELINE ONLINE
- BTTS & SMART FARMERS TO MARKET



# State Broadband Data & Development Grant

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Awarded to e-NC: October 5, 2009

Project: **NC BRIM** (North Carolina Broadband Rigor in Mapping)

- Mapping – award of \$1,589,077 over 2 years, with possible additional funding for 3 more years
- Planning – award of \$434,799 over 5 years



# NC BRIM Data Collection Elements

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## Data Collection Methods

- Service Provider Data from Broadband Service Providers
- Service Provider Data through Data Mining/Web-Crawling
- Broadband Consumer Survey – Local Level
- Plus, Wireless Propagation/GIS Modeling

Additional collection under the Planning piece:

- Citizen Surveys (3 surveys over 5 years)
- Survey analysis of broadband adoption and strategic gaps



# Current Status of Project

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Dec 1, 2009: e-NC Commission approved framework for contracted services related to project

Dec 09–Jan 10: Five Requests for Proposals released, submissions received and evaluated

Jan – Feb 10: Agreements for all contracted services finalized



# Requests for Proposals Released and Received

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- Web-Enabled Data Mining for Collection of Broadband Data for e-NC
- Collecting Broadband Data at the Consumer Level
- Database Development and Maintenance for e-NC
- GIS Mapping/Hosting for e-NC
- Survey Analysis of Broadband Adoption and Strategic Gaps (Planning)



# Contracted Services for NC BRIM (Sub-Recipients for NTIA Award)

## Data Collection

- Service Provider Data through Data Mining/Web-Crawling ([successful bidder selected](#), contract being finalized)
- Broadband Consumer Survey – Research Methodology & Oversight ([UNC-Chapel Hill, Kenan Institute](#))
- Broadband Consumer Survey – Local Level ([2 successful bidders selected](#), contracts being finalized)
- Wireless Propagation/GIS Modeling ([UNC-Greensboro](#))
- Database Development & Hosting ([successful bidders selected](#), contracts being finalized)

## Mapping

- GIS Mapping Company ([successful bidder selected](#), contract being finalized)

## Planning:

- Citizen Surveys ([East Carolina University](#))
- Survey analysis of broadband adoption and strategic gaps ([successful bidder selected](#), contract being finalized)



## Status Update Continued

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- Contracts for research oversight (ECU) and four external evaluators are being finalized.
- Technical Advisory Group will begin meeting in February 2010.
- Data Confab is to be held at the end of March 2010.
- The NTIA postponed the Mar 1, 2010 data collection deadline to Mar 31, 2010.



# NC TELEHEALTH NETWORK

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- Bandwidth and speed requirements for healthcare increasing rapidly.
- NCTN assists 210 public health agencies and free clinics obtain broadband
- Leverages \$6 Million for building and operating networks -FCC's Rural Health Care Pilot Program
- In planning - additional phases to fully buildout system to hospitals & providers be



# SMART METERS & BROADBAND

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INITIATIVE TO INVESTIGATE CONNECTIONS BETWEEN SMART  
METERING AND BROADBAND  
AMONG THOSE INVOLVED

- ELECTRICAL COMPANIES
- ELECTRIC COOPERATIVES
- TELECOMMUNICATIONS COMPANIES
- PRODUCT DEVELOPMENT COMPANIES
- RESEARCH OPERATIONS, NC STATE UNIVERSITY & ENTREPRENEUR
- ADVANCED ENERGY RESEARCH CORPORATION
- E-NC AUTHORITY
- UTILITIES COMMISSION



# BTOP 2

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Freddoso Presentation    Middle Mile

Potential Other Apps

Public Computer Center Omnibus Request

Last Mile Statewide

Lifeline Online

Staff Support for OERI BTOP 2 Review



# EVERYDAY REQUESTS

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- CITIZEN REQUESTS
- LOCAL GOVERNMENT REQUESTS FOR AID (30)
- BUSINESS REQUESTS FOR ASSISTANCE
- BTOP APPLICANTS
- FEDERAL AGENCIES---FCC, NTIA, GAO, ETC.

# BTTS – A GREAT SUCCESS

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SMART FARMERS PROGRAM  
NATIONAL BEST PRACTICE (9 )  
PURPOSE AWARD TIM WILL



# STAFF RESOURCES STRESSED

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- FIRST STATE AUTHORITY FOR BROADBAND-EST. BY LEGISLATURE
- OPERATIONS STARTED 1-2001
- STATE FUNDS FOR STAFF <\$495,000
- FEDERAL FUNDS FROM BTOP \$2.023.874
- MONEY RESERVE DOWN TO \$0 IN JULY
- 5 FULL TIME AND 3 PART-TIME STAFF
- 15 GREAT BOARD MEMBERS





*Connecting  
North Carolina  
to a Better Future*

## **The e-NC Authority**

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